

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 3828924  |
| <b>Application Number:</b>                  | 10750455                                       |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 4974   |
| <b>Title of Invention:</b>                  | OVERWRITE DETECTION DIAGNOSTIC FOR MEMORY HEAP |
| <b>First Named Inventor/Applicant Name:</b> | Michael Swafford                               |
| <b>Customer Number:</b>                     | 27488  |
| <b>Filer:</b>                               | Timothy Paul Sullivan/Michelle Crosslin        |
| <b>Filer Authorized By:</b>                 | Timothy Paul Sullivan                          |
| <b>Attorney Docket Number:</b>              | 50037.0237US01                                 |
| <b>Receipt Date:</b>                        | 22-AUG-2008                                    |
| <b>Filing Date:</b>                         | 31-DEC-2003                                    |
| <b>Time Stamp:</b>                          | 20:03:55                                       |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)                    |

### Payment information:

|  |                  |
|--|------------------|
| Submitted with Payment                   | yes              |
| Payment Type                             | Credit Card      |
| Payment was successfully received in RAM | \$ 1740          |
| RAM confirmation Number                  | 3014             |
| Deposit Account                          | 132725           |
| Authorized User                          | SULLIVAN,TIMOTHY |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

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**File Listing:**

| Document Number | Document Description        | File Name          | File Size(Bytes)/<br>Message Digest      | Multi Part /.zip | Pages (if appl.) |
|-----------------|-----------------------------|--------------------|--|------------------|------------------|
| 1               | Issue Fee Payment (PTO-85B) | IssueFee082208.PDF | 112103                                   | no               | 1                |
|                 |                             |                    | c27d461869db7b8b6c084b65335965bacf2a5ad5 |                  |                  |

**Warnings:****Information:**

|   |                        |              |  |    |   |
|---|------------------------|--------------|--|----|---|
| 2 | Fee Worksheet (PTO-06) | fee-info.pdf | 31843                                    | no | 2 |
|   |                        |              | 1d9adf24637d0804aeec3878d722459ec074b0d9 |    |   |

**Warnings:****Information:**

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|-------------------------------------|--|--|--------|
| <b>Total Files Size (in bytes):</b> |  |  | 143946 |
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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**